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卓颖机械（上海）有限公司
JOY MACHINERY (SHANGHAI) CO.,LTD.

卓颖机械 产品样册
PRODUCTS CATALOGUE





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COMPANY PROFILE

JOY MACHINERY (SHANGHAI) CO., LTD. specializes in air compressors, committed to providing customers with stable, energy-saving, efficient and intelligent compressed air solutions, offering global users to enjoy the unique and beautiful experience of JOY MACHINERY products.

JOY MACHINERY strictly follows the ISO9001 international quality system and can provide a comprehensive range of intelligent air compressor products, including but not limited to: low-pressure, normal pressure, high-pressure screw air compressors, permanent magnet variable frequency two-stage compression air compressors, oil-free air compressors, mobile air compressors, and post-treatment equipment. The product is widely used in fields such as mechanical manufacturing, food and medicine, and petrochemicals etc. The company adheres to the corporate philosophy of "customer satisfaction is our unwavering pursuit", our products are exported to countries and regions such as Asia, Europe, America, Africa, etc., gaining a good market reputation.

JOY MACHINERY (SHANGHAI) CO., LTD. welcomes customers from all walks of life to join hands and create a better future together, with the slogan "Extraordinary quality, Leading Technology"!



Diesel Portable Screw Air Compressor (37-410KW)



Diesel portable compressors are an ideal choice as a power source for construction equipment. Due to diesel as a power source, coupled with their excellent mobility, low energy consumption, it can provide continuous and sufficient pressure and flow, suitable for harsh working conditions, such as construction on roads, in mines, and in the wilderness, etc.

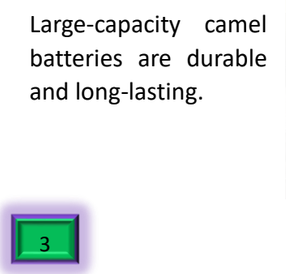
Large-capacity fuel tank, extending operation time.

Install an oil-water separator to solve the problem of fuel quality.

Integrated digital display, monitoring, and easy operation.

Dual pressure system, with one-click switching between high and low pressure, offering multiple functions in one machine.

Core component—Air end



Dedicated main unit for diesel mobile air compressor, reliable, stable, and efficient. Covering single-stage compression, two-stage compression, low pressure, medium pressure, and high pressure, it meets various working conditions.

Surge Power – Engine

Equipped with well-known engine brands such as Cummins, Yanmar, and YuChai
Turbocharging, high-pressure common rail technology, strong power, and good stability
Meet the diverse needs of domestic and international customers

Cummins

Yanmar

Filtration system - oil filter

Renowned famous brands ensure smooth oil filtration

Air control system

Dual vent valves, easy to start with zero load in cold and high-altitude areas.

Power — Battery

Large-capacity camel batteries are durable and long-lasting.

规 格 参 数 表
Technical Parameters
卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Compressor							Diesel engine				
	Capacity m³/min	Pressure Mpa	Compression stage	Wheel	Dimension L*W*H mm	Outlet	Weight KG	Make	Power KW/HP	Rated speed RPM	Idle speed RPM	Oil tank L
JMCY-5/8	5	0.8	Single stage	2	1950*1460*1400	G1“ 2-G 3/4"	960	洋马	36.8/50	2400	1500	60
JMCY-7/8	7	0.8	Single stage	2	2100*1460*1400	2-G1" G1 1/2"	1150	YuChai	55/75	2400	1500	60
JMCY-12/8	12	0.8	Single stage	2	2250*1810*1950	G1“ G1 1/2"	2000	Cummins	93/125	2200	1500	120
JMCY-12/13	12	1.3	Single stage	2	2250*1810*1950	G1“ G1 1/2"	2000	Cummins	110/150	2200	1500	120
JMCY-18/8	18	0.8	Single stage	2 4	2750*1680*2280	G1" G2"	2600	Cummins	132/180	2200	1500	180
JMCY-24/8-II	24	0.8	Double stage	2 4	2750*1680*2280	G1" G2"	2700	Cummins	153/205	2200	1500	180
JMCY-28/8-II	28	0.8	Double stage	2 4	3000*1780*2620	G1" G2"	3300	Cummins	191/260	2200	1500	320
JMCY-18/10	18	10.0	Single stage	2 4	2750*1680*2280	G1" G2"	2700	YuChai	141/190	2100	1350	180
JMCY-16/13	16	1.3	Single stage	2 4	2750*1680*2280	G1" G2"	2700	YuChai	141/190	1900	1350	180
JMCY-18/14-II	18	1.4	Double stage	2 4	2750*1680*2280	G1" G2"	2850	YuChai	141/190	2100	1350	180
JMCY-15/17-II	15	1.7	Double stage	2 4	2750*1680*2280	G1" G2"	2850	YuChai	141/190	1900	1350	180
JMCY-20/14-II	20	1.4	Double stage	2 4	2750*1680*2280	G1" G2"	2850	YuChai	141/190	2100	1350	180
JMCY-18/17-II	18	1.7	Double stage	2 4	2750*1680*2280	G1" G2"	2850	YuChai	141/190	1900	1350	180
JMCY-20/14-II	20	1.4	Double stage	2 4	2750*1680*2280	G1" G2"	2950	YuChai	162/220	2000	1350	180
JMCY-18/18-II	18	1.8	Double stage	2 4	2750*1680*2280	G1" G2"	2950	YuChai	162/220	1800	1350	180
JMCY-22/16-II	22	1.6	Double stage	2 4	2750*1680*2280	G1" G2"	2950	YuChai	162/220	2000	1350	180
JMCY-19/19-II	19	1.9	Double stage	2 4	2750*1680*2280	G1" G2"	2950	YuChai	162/220	1800	1350	180
JMCY-22/18-II	22	1.8	Double stage	2 4	3000*1780*2620	G1" G2"	3100	YuChai	191/260	2000	1350	320
JMCY-21/20-II	21	2.0	Double stage	2 4	3000*1780*2620	G1" G2"	3100	YuChai	191/260	1800	1350	320
JMCY-25/16-II	25	1.6	Double stage	2 4	3000*1780*2620	G1" G2"	3200	YuChai	191/260	1930	1350	320
JMCY-23/20-II	23	2.0	Double stage	2 4	3000*1780*2620	G1" G2"	3200	YuChai	191/260	1800	1350	320
JMCY-27/16-II	27	1.6	Double stage	2 4	3000*1780*2620	G1" G2"	3300	YuChai	191/260	2000	1350	320
JMCY-25/22-II	25	2.2	Double stage	2 4	3000*1780*2620	G1" G2"	3300	YuChai	191/260	1900	1350	320
JMCY-32/20-II	32	2.0	Double stage	4	3000*1780*2620	G1" G2"	3300	Cummins	264/360	2000	1350	400
JMCY-29/23-II	29	2.3	Double stage	4	3000*1780*2620	G1" G2"	3300	Cummins	264/360	1900	1350	400
JMCY-36/15-II	36	1.5	Double stage	4	3500*1950*2670	G1" G2"	4500	YuChai	295/400	1880	1350	520
JMCY-31/25-II	31	2.5	Double stage	4	3500*1950*2670	G1" G2"	4500	YuChai	295/400	1750	1350	520
JMCY-35/20-II	35	2.0	Double stage	4	3000*1780*2620	G1" G2"	4000	Cummins	316/430	1900	1350	400
JMCY-31/25-II	31	2.5	Double stage	4	3000*1780*2620	G1" G2"	4000	Cummins	316/430	1750	1350	400
JMCY-38/25-II	38	2.5	Double stage	4	3700*2100*2770	G1" G2"	6000	Cummins	410/550	1850	1350	700
JMCY-35/34-II	35	3.4	Double stage	4	3700*2100*2770	G1" G2"	6000	Cummins	410/550	1650	1350	700
JMCY-38/25-II	38	2.5	Double stage	4	3700*2100*2770	G1" G2"	6000	YuChai	410/550	1850	1350	700
JMCY-35/34-II	35	3.4	Double stage	4	3700*2100*2770	G1" G2"	6000	YuChai	410/550	1700	1350	700

Electrical Portable Screw Air Compressor (75-315KW)



Electric mobile air compressors are suitable for use in places with power supply or mobile power sources. They are compact, lightweight, and easy to move. The electrical system adopts a rain-proof and wide voltage design, overcoming the problems of low and unstable voltage in the wild.

Integrated digital display, monitoring, easy to operate.

The pipeline adopts high-temperature resistant and high-pressure resistant pipes, which have a long service life and beautiful appearance.

Core component—Air end



Dedicated main unit for electric air compressors, reliable and stable, with high efficiency.
Covering single-stage compression, two-stage compression, low pressure, medium pressure, and high pressure, it meets various working conditions.

Surge power—Motor



Equipped with YE3 high-efficiency motor, large starting torque and low starting current. Two-stage compression system with four-pole motor, featuring low rotational speed and strong low-voltage starting performance. With a protection level of IP55 and Class F insulation, it is suitable for 24-hour continuous operation.

Selected components - high-quality and stable



Air filter
Heavy-duty two-stage cyclone air filter, with ultra-fine filtration accuracy, can extend the lifespan of the air compressor.



Display
The user-friendly human-computer interaction interface allows you to control your own gas supply system



Start-up
Wide voltage startup, solving the problem of unstable voltage



Oil/air separation
Using high-temperature pipeline connections, the fine separation effect ensures higher quality compressed air

规 格 参 数 表
Technical Parameters
卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Power	Capacity m³/min	Pressure Mpa	Compression stage	Dimension L*W*H mm	Outlet	Weight KG
JMDY-13/8	75	13	0.8	Single stage	2550*1400*1910	G1“ G2"	1500
JMCY-10/13	75	10	1.3	Single stage	2550*1400*1910	G1” G2"	1500
JMCY-16/8	90	16	0.8	Single stage	2550*1400*1910	G1“ G1 1/2"	1600
JMCY-13/14	90	13	1.4	Single stage	2550*1400*1910	G1“ G1 1/2"	1600
JMCY-20/8	110	20	0.8	Single stage	3100*1685*2220	G1” G2"	2300
JMCY-16/12	110	16	1.2	Single stage	2550*1400*1910	G1” G2"	2300
JMCY-12/18	110	12	1.8	Single stage	3100*1685*2220	G1” G2"	2300
JMCY-24/8	132	24	0.8	Single stage	3100*1685*2220	G1” G2"	2500
JMCY-16/14	132	16	1.4	Single stage	3100*1685*2220	G1” G2"	2500
JMCY-15/18	132	15	1.8	Single stage	3100*1685*2220	G1” G2"	2500
JMCY-16/14-II	90	16	1.4	Double stage	3100*1685*2220	G1” G2"	2500
JMCY-16/8-II	110	16	0.8	Double stage	3100*1685*2220	G1” G2"	2800
JMCY-18/20-II	110	18	2.0	Double stage	3100*1685*2220	G1” G2"	2800
JMCY-21/18-II	132	21	1.8	Double stage	3000*1680*2160	G1” G2"	2800
JMCY-23/20-II	132	23	2.0	Double stage	3000*1680*2160	G1” G2"	3300
JMCY-23/18-II	160	23	1.8	Double stage	3000*1680*2160	G1” G2"	3600
JMCY-25/20-II	160	25	2.0	Double stage	3000*1680*2160	G1” G2"	3600
JMCY-24/20-II	185	24	2.0	Double stage	3000*1680*2160	G1” G2"	3700
JMCY-26/22-II	185	26	2.2	Double stage	3000*1680*2160	G1” G2"	3700
JMCY-24/25-II	185	24	2.5	Double stage	3000*1680*2160	G1” G2"	3700
JMCY-26/20-II	200	26	2.0	Double stage	3000*1680*2160	G1” G2"	3700
JMCY-28/23-II	220	28	2.3	Double stage	3500*1950*2600	G1” G2"	5000
JMCY-31/25-II	280	31	2.5	Double stage	3500*1950*2600	G1” G2"	5500
JMCY-30/7-II	132	30	0.7	Double stage	3000*1680*2160	DN80	3400
JMCY-36/7-II	160	36	0.7	Double stage	3050*1820*2660	DN80	4200
JMCY-42/7-II	185	42	0.7	Double stage	3050*1820*2660	DN80	4200
JMCY-46/7-II	200	46	0.7	Double stage	3500*1950*2600	DN125	5000
JMCY-51/7-II	220	51	0.7	Double stage	3500*1950*2600	DN125	5500
JMCY-57/7-II	250	57	0.7	Double stage	3700*2100*2720	DN125	7500
JMCY-62/7-II	280	62	0.7	Double stage	3700*2100*2720	DN125	7500
JMCY-70/7-II	315	70	0.7	Double stage	3750*2250*2850	DN150	8500

Petrol Portable Screw Air Compressor (2.2-7.5KW)



Air treatment

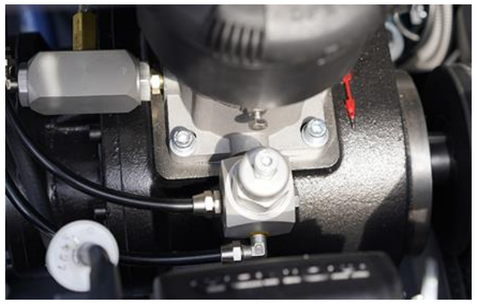


Petrol/Gasoline air compressor



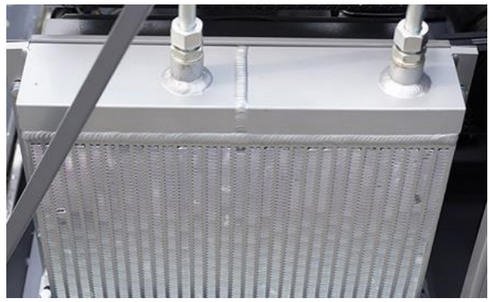
Engine

Honda，Longxin



Air end

High quality air end



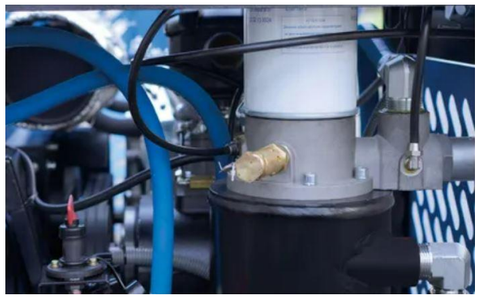
Cooler

Customized and enlarged cooler



Air filter

removing impurities and particulate matter



External oil separator

External oil separator core, easy to replace



Transportation

Compact design, convenient for transportation







1、 Exhaust vent
2、 Cooler
3、 Oil filter
4、 Battery
5、 Main power switch
6、 Petrol oil filter
7、Oil separator
8、Air filter (compressor)
9、Air filter (engine)
10、Engine oil filter
11、Oil dipstick

规 格 参 数 表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Power KW/HP	Capacity m³/min	Pressure Mpa	Petrol engine	L*W*H mm	Weight KG
JMQY-1.5/5	11/15	1.5	0.5	HONDA/ Lifan / LONGXIN	1000*750*700	175
JMQY-1.35/7	11/15	1.35	0.7	HONDA/ Lifan / LONGXIN	1000*750*700	175
JMQY-2.0/7	16.5/22	2.0	0.7	HONDA/ Lifan / LONGXIN	1250*860*810	245
JMQY-1.7/8	16.5/22	1.7	0.8	HONDA/ Lifan / LONGXIN	1250*860*810	245
JMQY-1.5/10	16.5/22	1.5	1.0	HONDA/ Lifan / LONGXIN	1250*860*810	245
JMQY-1.2/13	16.5/22	1.2	1.3	HONDA/ Lifan / LONGXIN	1250*860*810	245
JMQY-1.0/15	16.5/22	1.0	1.5	HONDA/ Lifan / LONGXIN	1250*860*810	245

Miniature Electrical Portable Screw Air Compressor (2.2-7.5KW)



Product Feature

Motor Power :2.2-7.5 KW
Discharge delivery: 0.30-1.0 m3/min
Discharge Pressure: 0.8-1.25 Mpa
The power supply is available in single-phase and three-phase configurations to meet various customer needs
Using high-quality air end and motor, stable operation, low failure rate
Equipped with a built-in air tank and wheels on the body, it is easy to move and use, and can replace piston engines



规 格 参 数 表
Technical Parameters
卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Power (KW/Hp)	Voltage (V/Hz)	Capacity (m³/min)	Pressure (Mpa)	Tank volume (L)	Noise level (Db)	Cooled way	Dimension L*W*H(mm)
JMDY-4/10D	2.2/4	220/50	0.3	0.8-1.0	90	78±2	Air cooled	940*365*940
JMDY-4/10S	2.2/4	380/50	0.3	0.8-1.0	90	78±2	Air cooled	940*365*940
JMDY-5.5/10D	4.5/6	220/50	0.55	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-5.5/10S	4.5/6	380/50	0.55	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-7.5/10S	5.5/7.5	380/50	0.7	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-10/10S	7.5/10	380/50	1.0	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-10/12.5S	7.5/10	380/50	0.8	1.1-1.25	120	78±2	Air cooled	1060*420*1020
JMDY-10YPM/10S	7.5/10	380/50	1.0	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-10YPM/10D	7.5/10	220/50	1.0	0.8-1.0	120	78±2	Air cooled	1060*420*1020
JMDY-10YPM/12.5D	7.5/10	220/50	0.8	1.1-1.25	120	78±2	Air cooled	1060*420*1020

Application cases

